

App. No.: 10/065474  
Filed: October 22, 2002  
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REMARKS

The indication of allowability of claims 5, 8, 13 and 16, subject to their being rewritten in independent form is noted with appreciation. These claims have been so rewritten. A credit card authorization for the added fee and fee computation are attached to cover the added fee for the increase in number of independent claims.

The rejected independent claims have all been amended to incorporate an added feature which is believed to clearly and patentably define over the art relied upon in the Office Action. Although the cited art is directed generally toward the problem solved by applicants' invention, it is believed that there is an additional patentable distinction that is now further emphasized in the claims. Basically applicants reduce the cogging torque by shifting the phases in such a way to avoid the torque peaks or reduce them by shifting the phases to achieve some canceling. This is done by altering the relation between the pole teeth and magnet segments while maintaining symmetry thus reducing the costly expedient used by the cited prior that requires non symmetric shifting of the magnet segments, as in the case of the Nashiki reference or the use on non spaced magnet segments as in the Arita reference.

Also it is not evident that either reference actually effects any phase shifting to reduce the effect of torque summation.

Therefore the Examiner is most respectfully requested to reconsider his rejections and favorably act on this case.

Respectfully submitted:

  
Ernest A. Beutler  
Reg. No. 19901

Phone (949) 721-1182  
Pacific Time

Attachments: Fee Calculation  
Credit Card Authorization